

justed in such a manner so that the tear layer surface itself matches the broken lines I and II as closely as possible.

While the invention has been described and illustrated in one particular embodiment, it is not to be considered limited to the details disclosed, since many modifications can be made without departing in any way from the spirit and concept of the invention.

What is claimed is new and desired to be protected by Letters Patent is:

1. A zonal bifocal contact lens which is designed with a concave-convex shape, with the posterior concave surface being adapted to adhere to and float on the cornea, the anterior convex surface being divided into annular zones, the individual zones presenting alternat-

ingly, inclinations to the optical axis of the contact lens, corresponding approximately to the curvatures of a distance and near correction focal power, adjacent annular zones interfaced continuously so as not to present any steps or jumps upon the anterior surface of the contact lens wherein the inclinations of the annular zones have been adjusted to give slightly deeper troughs between the adjacent zones than would occur in matching the distance and near curvatures exactly, and adjusted in particular, so that an overlying tear layer would itself form a surface matching, in the corresponding zones, the distance and near curvatures as closely as possible.

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